Applicant: George Liang King

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Clean Copy of All Pending Claims

A method of treating permeability failure in a subject, comprising: introducing into said subject a peritoneal dialysis fluid which includes a specific inhibitor of a PKC, thereby treating said subject.

- 2. The method of claim 1, wherein said specific inhibitor is a specific inhibitor of PKC β.
- 3. The method of claim 1, wherein said specific inhibitor is selected from the group consisting of: a specific inhibitor of a PKC β , a specific inhibitor of PKC γ , and a specific inhibitor of PKC δ.
 - 5. The method of claim 1, wherein said specific inhibitor is an inhibitor of PKC β1.
 - 6. The method of claim 2, wherein said inhibitor is a bis (indolyl) maleimide.
 - The method of claim 6, wherein said inhibitor is LY333531. 7.
- 8. The method of claim 7, wherein said LY333531 is present in said dialysis fluid at about 1-1,000 nM.
- 9. The method of claim 1, wherein said dialysis fluid has a concentration of glucose of about 200nM.
- 10. The method of claim 1, wherein said subject has previously received peritoneal dialysis.
- 11. The method of claim 1, wherein said subject has been a peritoneal dialysis patient for at least 2 to 24 months.
- 12. The method of claim 1, wherein said subject has already developed permeability disjunction.

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13. The method of claim 1, wherein said subject has not yet developed permeability disjunction.

- 14. The method of claim 1, wherein said subject is at risk for renal failure.
- 15. The method of claim 14, wherein said subject is in end-stage renal
- 16. A peritoneal dialysis fluid comprising a specific inhibitor of a PKC.
- 18. The dialysis fluid of claim 16, wherein said specific inhibitor is an inhibitor of ΡΚС β.
 - 19. The dialysis fluid of claim 18, wherein said inhibitor is a bis (indolyl) maleimide.
 - 20. The dialysis fluid of claim 19, wherein said inhibitor is LY333531.
- 21. The dialysis fluid of claim 20, wherein said LY333531 is present in said dialysis fluid at about 1-1,000 nM.
- 22. The dialysis fluid of claim 16, wherein said dialysis fluid has a concentration of glucose of about 200nM.
- 23. A method of making an improved peritoneal dialysis fluid, comprising: providing a peritoneal dialysis fluid; and adding to that fluid a specific inhibitor of a PKC, to thereby provide an improved dialysis fluid.
- 24. A method of making an improved peritoneal dialysis fluid, comprising: providing a peritoneal dialysis fluid and adding LY333531 to the dialysis fluid.
- 25. A method of treating a subject, comprising: introducing into said subject a peritoneal dialysis fluid which includes an inhibitor of PKC β, an inhibitor of PKC γ, or an inhibitor of PKC δ , thereby treating said subject.

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26. A method of treating a subject, comprising: introducing into said subject a peritoneal dialysis fluid which includes an inhibitor of PKC β .

- 27. A peritoneal dialysis fluid comprising an inhibitor of PKC β , an inhibitor of PKC δ , or an inhibitor of PKC γ .
 - 28. A peritoneal dialysis fluid comprising an inhibitor of PKC β.
 - 29. A peritoneal dialysis fluid comprising LY333531--
